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Op 2665  
PTO/SB/21 (04-04)  
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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application Number	09/854,954
		Filing Date	May 14, 2002
		First Named Inventor	Zeira et al.
		Art Unit	2665
		Examiner Name	Jason E. Mattis
Total Number of Pages in This Submission		Attorney Docket Number	I-2-0170.1US

ENCLOSURES <i>(Check all that apply)</i>											
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Supplemental Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <b>Form PTO-1449</b> <input type="text" value="Remarks"/>									
<b>SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT</b> <table border="1"> <tr> <td>Firm or Individual name</td> <td>Jeffrey M. Glabicki</td> <td>Reg. No. 42,584</td> </tr> <tr> <td>Signature</td> <td colspan="2"></td> </tr> <tr> <td>Date</td> <td colspan="2">November 4, 2004</td> </tr> </table>			Firm or Individual name	Jeffrey M. Glabicki	Reg. No. 42,584	Signature			Date	November 4, 2004	
Firm or Individual name	Jeffrey M. Glabicki	Reg. No. 42,584									
Signature											
Date	November 4, 2004										

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Typed or printed name	Jeffrey M. Glabicki		
Signature			Date November 4, 2004

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PATENT

THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Zeira et al.

**Application No.:** 09/854,954

**Confirmation No.:** 8825

**Filed:** May 14, 2001

**For:** ASSIGNING PHYSICAL CHANNELS TO  
TIME SLOT SEQUENCES IN A HYBRID TIME  
DIVISION MULTIPLE ACCESS/CODE  
DIVISION MULTIPLE ACCESS  
COMMUNICATION SYSTEM

Group: 2665

Examiner: Jason E. Mattis

Our File: I-2-0170.1US

Date: November 4, 2004

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Further to Applicants' Duty of Disclosure pursuant to 37 C.F.R. §1.56,  
Applicants wish to bring to the Examiner's attention the material cited on the enclosed  
PTO-1449 form. Newly cited documents are indicated by an asterisk (\*).

Pursuant to amended 37 C.F.R. §1.98(a)(2)(i), copies of the cited U.S. patent  
documents have not been included.

**Applicant: Zeira et al.**  
**Application No.: 09/854,954**

It is respectfully requested that the Examiner consider these documents and return an initialed copy of the PTO-1449 form indicating his/her consideration of the cited materials.

Respectfully submitted,

Zeira et al.

By 

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JMG/ks  
Enclosure

O P E NOV 08 2004 P A T E N T & T R A D E M A R K O F F I C E F O R M P T O - 1 4 4 9		ATTY. DOCKET NO. I-2-0170.1US	SERIAL NO. 09/854,954
U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		APPLICANT Zeira et al.	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		FILING DATE May 14, 2001	GROUP 2665
(Use several sheets if necessary)			

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		5,260,967	11/1993	Schilling			
		5,481,533	01/1996	Honig et al.			
		5,533,013	07/1996	Leppanen			
*		5,844,894	12/1998	Dent			
*		5,933,421	08/1999	Alamouti et al.			
		5,963,865	10/1999	Desgagne et al.			
		6,097,700	08/2000	Thornberg et al.			
		6,519,240	02/2003	Dillinger et al.			
		6,697,632	02/2004	Sood			

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		TS C104 V2.1.0, China Wireless Telecommunication Standard, pages 1-111, 1999.
		3G TR 25.922, Technical Specification Group Radio Access Network, pages 1-57, 1999.
		Anderlind, Resource Allocation in Multi-Service Wireless Access Networks, Thesis, pages 1-148, Royal Institute of Technology, SWEDEN, October 1997.
		Ei-Khamy et. al. "Wireless Portable Communication Using Pre-Rake CDMA/TDD/QPSK Systems With Different Combining Techniques And Imperfect Channel Estimation," IEEE, May 1997, pp. 529-533.

EXAMINER	DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (Use several sheets if necessary)		ATTY. DOCKET NO. I-2-0170.1US	SERIAL NO. 09/854,954
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## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	Povey, TDD-CDMA "Extension to FDD-CDMA Based Third Generation Cellular System", IEEE, August 1997, pp. 813-817.
	Mihailescu et al., "Dynamic Resource Allocation For Packet Transmission In UMTS TDD TD-CDMA Systems," IEEE, February 1999, pp. 1737-1741.
	Qingyu et al., "An Analysis of the Interference in the TDD-CDMA System," IEEE, August 2000, pp. I-333-I-337.
	Haas, et al. "A Novel Channel Assignment Approach in TDMA/CDMA-TDD Systems," IEEE, January 2001, pp. E-142-E-146.
	Zhang et al., "A Dynamic Channel Allocation Algorithm in TDD Mode CDMA Systems," IEEE, August 2001, pp. 385-388.

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